AMENDMENTS TO THE CLAIMS

1. (**Currently Amended**) A method on an electronic device having an operating system for managing application resources on the electronic device, the method comprising:

receiving a command indicating to execute an application on an electronic device;

prior to any execution of any code associated with the application, the operating system reading at least one application resource requirement ~~associated with~~ of the application by accessing metadata associated with the application; and

determining whether the at least one application resource requirement can be met by the electronic device, wherein the at least one application resource requirement includes at least one of: average MIPS, lowest MIPS, peak MIPS, screen refresh rate, and I/O bandwidth,

wherein if the at least one application resource requirement can be met by the electronic device when the application executes in foreground mode, executing the application in foreground mode,

wherein if the at least one application resource requirement can be met by the electronic device only when the application executes in background mode, executing the application in background mode, and

wherein if the at least one application resource requirement cannot be met by the electronic device, ~~suspending the~~ preventing starting of execution of the application, and:

indicating to a user of the electronic device that the application cannot be executed on the electronic device,

indicating to the user which application resource requirement cannot be met by the electronic device,

indicating to the user how the electronic device can be modified to meet the application resource requirement,

prompting the user for agreement to modify the electronic device,

in response to a command indicating agreement, modifying the electronic device to meet the application resource requirement associated with the application, and

~~executing~~ starting the execution of the application on the electronic device.

2. (Previously Amended) The method of claim 3, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, a computer, a personal digital assistant, and a mobile communication system.

3. (Previously Amended) The method of claim 1, wherein the electronic device is a portable device.

4. (Previously Canceled)

5. (Previously Canceled)

6. (Previously Canceled)

7. (Previously Canceled)

8. (Previously Canceled)

9. (**Currently Amended**) A computer readable storage medium including computer instructions on an electronic device for managing application resources on the electronic device, the computer instructions including instructions for:

receiving a command on an electronic device to execute an application, a processor of the electronic device capable of executing the application in one of a regular and a reduced performance mode;

prior to any execution of any code associated with the application, reading an application priority level application resource requirement ~~associated with~~ of the application stored in metadata associated with the application, in which the application priority level application resource requirement indicates how important it is for the processor to execute the application in the regular performance mode~~, by the electronic device monitoring background/foreground mode information for the application~~;

determining whether the application priority level application resource requirement can be met by the electronic device, wherein the application priority level application resource requirement includes at least one of:

average MIPS,

lowest MIPS,

peak MIPS,

screen refresh rate, and

I/O bandwidth;

if the application priority level application resource requirement allows the application to be executed in background mode, switching the execution of the application between one of background mode and foreground mode, based upon current application resources.

10. (Previously Amended) The computer readable storage medium of claim 11, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, and a mobile communication system.

11. (Previously Amended) The computer readable storage medium of claim 9, wherein the electronic device is a portable device.

12. (**Currently Amended**) The computer readable storage medium of claim 9, further comprising instructions for:

wherein if the application priority level application resource requirement can be met by the electronic device, executing the application on the electronic device; and

wherein if the application priority level application resource requirement cannot be met by the electronic device, indicating to [[the]] a user of the electronic device that the application cannot be executed on the electronic device.

13. (Previously Canceled)

14. (Previously Canceled)

15. (Previously Canceled)

16. (Previously Canceled)

17. (**Currently Amended**) An electronic device, comprising:

a memory including an application residing on the electronic device;

a user interface for receiving a command indicating that a user of the electronic device desires to execute an application;

a file associated with the application, the file including at least one application resource requirement ~~associated with~~ of the application;

a processor;

an operating system for ~~determining~~ making a determination, prior to any execution of any code associated with the application, whether the at least one application resource requirement can be met by the electronic device, wherein the at least one application resource requirement includes at least one of: average MIPS, lowest MIPS, peak MIPS, screen refresh rate, and I/O bandwidth;

wherein the determination is made by the operating system accessing metadata of the file;

wherein if the at least one application resource requirement can be met by the electronic device when the application executes in foreground mode, the processor executing the application in foreground mode,

wherein if the at least one application resource requirement can be met by the electronic device only when the application executes in background mode, the processor executing the application in background mode, and

wherein if the at least one application resource requirement cannot be met by the electronic device, ~~suspending~~ preventing any starting of the execution of the application; and

a display, for indicating to the user that the application cannot be executed on the electronic device, for indicating to the user which application resource requirement cannot be met by the electronic device, for indicating to the user how the electronic device can be modified to meet the application resource requirement, and for prompting the user for agreement to modify the electronic device,

in which the user interface receives a command indicating that the user agrees to a modification of the electronic device to meet the application resource requirement ~~associated with~~ of the application, in which the processor modifies the electronic device, and in which, subsequent to modifying the electronic device, the processor executes the application on the electronic device.

18. (Previously Amended) The electronic device of claim 24, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, and a mobile communication system.

19. (Previously Canceled)

20. Previously Canceled)

21. (Previously Canceled)

22. (Previously Canceled)

23. (Previously Canceled)

24. (Previously Added) The electronic device of claim 17, wherein the electronic device is a portable device.